How to.. write a scientific expertise

Yorck Olaf Schumacher



JOINT REPORT

S ATHLETE'S EXPLANATION

Expert Report		Refresh Hematological Passport Save	Submit
BPID	Gender Male	Sport Cycling; Cycling	
Expert	Expert Opinion		
Schumacher, Olaf	Normal	Not submitted	
Commont			

Male cyclist with 4 samples, all obtained in 2018. Nomal and stable reticulocyte level, one haemoglobin value (last sample) marginally outside the individual reference range. Given that the sample has been obtained at the end or outside the competitive season, plasma volume contraction is a possible explanation. Therefore, I would consider the profile as normal.

- Annere - Sport - (Sample distribution)

Step 2: Formal Analysis
(Pre)analytics – Quality - Confounders

• Part 2: Profile Overview

• Abnormalities – Normalities – Time factors

• Part 3: Likelihood Evaluation

- Normal More data Pathology Doping
- Part 4: Target testing recommendations



JOINT REPORT

SATHLETE'S EXPLANATION







Summary Joint Expert Report

- Part 1: Profile Framework
- Part 2: Quantitative Analysis
- Part 3: Analytical Assessment
- Part 4: Qualitative Analysis
- Part 5: Likelihood Assessment



JOINT REPORT

ATHLETE'S EXPLANATION



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Summary Evaluation of Athlete's Arguments

- Part 1: Profile Framework
- Part 2: Summary of previous Reports
- Part 3: Summary of athletes explanations
- Part 4: Point-by-point Analysis
- Part 5: Likelihood assessment

DO

- Direction of evaluation Logic
- Lay language
- Explain physiological background
- Figures + Illustrations

DON T

- Statement on guilt
- "Maximalistic" terms ("Impossible", "Can not"..)
- Polemic language
- Nonscientific speculation
- Venture outside of area of expertise





If Law has made you a witness, remain a man of science

P. Broussard, 1887

